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COMMUNICATION FOR THE HANDICAPPED IN COLLEGE: AN ANNOTATED LIST OF REFERENCES AND AIDS.
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The material and references that follow are concerned with communication needs of the handicapped student in college. References concerning studies and surveys about the use of certain communication aids; listings of suppliers of aids, talking books, and large print books; as well as articles dealing with more general information having reference to communication problems of the handicapped student are included. (Author)

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COMMUNICATION FOR THE HANDICAPPED IN COLLEGE:

An Annotated List of References and Aids.

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While the material herein was obtained from a wide variety of sources readily available, special mention is made of the following sources which included many of the more pertinent references:

Rusalem, H. Guiding the Physically Handicapped College Student In T C Series in Special Education, ed. Maurice H. Fouracre. New York: Columbia University Bureau of Publications, 1962.

Splaver, Sarah. Your Handicap - Don't Let It Handicap You. New York: Julian Messner, 1967.

Tucker, W. V. Higher Education and Handicapped Students. Emporia, Kansas: Kansas State Teachers College, 1964.

I. BIBLIOGRAPHY

A. Blind and Partially Sighted

Carter, B. "How to Use Educational Recordings Effectively - A Survey of Blind College Students." The New Outlook for the Blind, November 1962, 56(9), 332-334.

The report of a study to determine whether blind college students are able to compete with their sighted peers, and what study methods are used to do so. Study hints on how best to use recorded materials are included in this article.

Cohoe, Edith. "Typewriting Instruction for the Partially Seeing and Blind Children." Exceptional Children, September 1961, 13-16.

This article stresses the importance of teaching typewriting to blind children which will aid them in keeping up with their classmates in schoolwork. This typewriting skill is then used later for higher education.

"College Preparation for Blind Prospective College Students" (Final Report) conducted by the Arkansas Enterprises for the Blind, Inc., Rehabilitation Facility for the Blind, Little Rock, Arkansas, from March 1, 1963 to March 1, 1967.

Prospective blind college students are given pre-orientation to all aspects of college life. Special reference to communication aids are discussed in Chapter VI, p. 37-51.

Dupress, J. K. "Research Development and Evaluation of Sensory Aids for the Blind". The New Outlook for the Blind, March 1967, 79-84.

This article dwells on research of reading machines, more braille material, sound recording media, mobility aids for the blind, and limited research for the partially sighted.

Grant, Marilyn B. "Blind Student on Campus: A Firsthand Report". Journal of Rehabilitation, July-August 1967, 28-29.

Mrs. Grant tells of her experiences as a blind student at Fresno State College. She emphasizes communication problems and solutions. This article also has a short autobiographical paragraph of the author's life.

Nieman, Dorothy. "Reading Aids for the Handicapped." Rehabilitation Literature, November 1959, 20(11), 330-334.

A descriptive paragraph, address of manufacturer, probable cost, pertinent dimensions, voltage requirements, and weight are included in listing of equipment.

Pauline, A. Pre-College Orientation. Syracuse, New York: Dept. of Rehabilitation Medicine, Upstate Medical Center, March 10, 1966.

A description of the Pre-Orientation program for Blind Students given at Syracuse University.

Recordings for the Blind, Inc. How to Use Educational Recordings Effectively. New York: Recordings for the Blind, Inc., 121 East 58th Street, New York 22, N. Y. 1962, 7 pp.

This manual is prepared for blind students and guidance counselors and is available in recorded form.

"Seeing Through Hearing". Times Educational Supplement, May 8, 1961, pp. 1, 2, 4, 5.

This article discusses the work of the Sveidlovsk Institute of Defectology in the Soviet Union. A device called a phonoscope, which resembles a flashlight, converts images into auditory signals. The Yuch Apparatus and the Odema teaching machine are also emphasized.

Stocker, Claudell S. "Restoration of Communication Skills". The New Outlook for the Blind, December, 1964, 327-328.

This article deals with three major areas of communication instruction for the blind: reading, writing, and arithmetic computation.

See also "General Information" - Rusalem, Splaver, Tucker.

B. Cerebral Palsy

Cottam, Naomi Melville. "A Study of Materials, Procedures, and Devices for Teaching Typewriting to Educable Cerebral Palsied Students," 1966, (101) p., figs., tabs., Mimeo. Paperbound.

(M.S. Thesis, Dept. of Office Administration, University of Utah) Available, as long as limited supply lasts, from the author, Mrs. Naomi M. Cottam, 1857 Bryan Avenue, Salt Lake City, Utah. $3.00 plus 30¢ postage.

By reviewing the literature and surveying center and schools teaching cerebral palsied children and young adults, Mrs. Cottam made a study of the practical value of typing skills to the cerebral palsied and the facts concerning evaluation of typing readiness, correct positioning, and keyboard fingering most adaptable to students with poor hand control.

See also "General Information" - Rusalem, Splaver, Tucker.

C. Deaf and Hard-of-Hearing

Crammatte, A. B. Deaf Persons in Professional Employment. Springfield, Illinois: Chas. C. Thomas, Publisher, 1968, pp. 46-55.

Crammatte talks about deaf persons and their problems in the world of professional employment. Pages 46-55 specifically dealing with difficulties at college due to deafness.

See also "General Information" - Rusalem, Splaver, Tucker.

D. General Information

Arthur, Julietta K., Employment for the Handicapped, Nashville, Tennessee: Abingdon Press, 1967.

Discusses the available job opportunities and necessary training for jobs for the handicapped. Specifically, talks about college education by telephone for the homebound, p. 100-101.

Gamble, Alice H., "Teaching by Telephone on the College Level", College and University Business, June 1955, 35-36.

This article discusses the telephone teaching technique that has been used by Boston University and other colleges. Several examples are used to illustrate the use of this technique.

How to Teach Shut-In Students by Telephone. Special Education Division of Executone, Inc., 415 Lexington Avenue, N. Y. 17, N.Y.

A manual for teaching homebound students by telephone.

Reading Aids for the Handicapped. Chicago, Illinois: American Library Association, June 1967.

This list includes more information on commercially manufactured equipment, sources of large - type books, braille and tape recorded materials, and information on making self-constructive aids and a bibliography

Rusalem, H. Guiding the Physically Handicapped College Student. In TC Series in Special Education, ed. Maurice H. Fouracre. New York: Columbia University Bureau of Publications, 1962.

Written from the standpoint of personal experience and based on the author's conviction that severely disabled students can function successfully in many colleges and universities.

Splaver, Sarah. Your Handicap - Don't Let It Handicap You. New York: Julian Messner, 1967.

This book examines all areas of disability, the difficulties each presents and how best to surmount them. Federal, state, local, and voluntary agencies are listed as sources for further information.

Toomey J. Gazette, Chagrin Falls, Ohio: Iron Lung Polios, Inc. Vol. 1 through present, publications began 1958.

This magazine is published twice a year by a staff of severely disabled and non-disabled young adults. Vol. 5 numbers 1 and 2 give special attention to communication aids.

Tucker, Wm. V. Higher Education and Handicapped Students. Emporia, Kansas: Kansas State Teachers College, 1964.

This administrative handbook provides ready access to procedures based on the experiences of hundreds of persons in educating handicapped college students.

Winged Bequest, The. ALA Headquarters Library. A 16 mm film produced by Edward Feil productions, 1955.

This film is sponsored by the Cleveland Public Library and the Cleveland Foundation. Shows that books may influence the lives of shut-ins at home, in hospitals and institutions; describes the public library extension services in hospitals and institutions; and demonstrates use of mechanical reading devices for the handicapped. 22 minutes.

II. LISTING OF COMMUNICATION AIDS AND SUPPLIERS

A. Book and Copy Stands

Adjustable easel.....	Wm. J. Bargen Box 499 Waukegan, Illinois
Study-stand.....	Noka Manufacturing Company 147 Bloomfield Ave. Bloomfield, New Jersey
Desk easel plan.....	National Society for the Prevention of Blindness 1790 Broadway New York 19, New York
Dictionary table No. 30 High Style (for large dictionary).....	G & C Merriam Company Springfield, Massachusetts
Revolving Lectern K-M.....	Kelly Mennes Manufacturing Co. Rockford, Illinois

B. Large Print Books

Catalogs

American Foundation for the Blind,
15 West 16th Street
New York 11, New York

American Optical Company
Instrument Division
Buffalo, New York

General Catalog of Large Type Textbooks
American Printing House for the Blind
1839 Frankfort Avenue
Louisville, Kentucky

Hagman Enterprises
2606 East Glenoaks Boulevard
Glendale, California

Lakeland Products
3024 Clinton Avenue
Minneapolis, Minnesota

Matson, C. and Larson, L. Books for Tired Eyes, 4th Ed., 1951, American Library Association, 50 E. Huron Street, Chicago II, Ill. $1.00.

National Society for the Prevention of Blindness
16 East 40th Street
New York 16, New York

Stanwix House, Inc.
3020 Chartiers Avenue
Pittsburgh 4, Pennsylvania

Dictionaries

Funk & Wagnalls New College.....Stanwix House, Inc.
3020 Chartiers Avenue
Pittsburgh 4, Pennsylvania

Winston Dictionary for Schools.....Holt, Rinehart & Winston, Inc.
383 Madison Avenue
New York 17, New York

Publishers

Aid to Visually Handicapped
1963 McAllister Street
San Francisco, California

Bible Society of America
Park Avenue & 57th Street
New York, New York
(Published some portions of the Bible in large type)

Harcourt Brace & Company
383 Madison Avenue
New York 17, New York

William Morrow & Company
425 Fourth Avenue
New York 16, New York

Albert Whitman & Company
560 West Lake Street
Chicago 6, Illinois

Editions Bourrelier
Paris, France
Michel et ses Betes
Rene and Suzanne Brandicourt
1958. 80 pp. 520 francs.

Kenwood Alumnae Braille Assoc. Inc., Albany, New York (A catechism of Christian Doctrine in 24-point type, rev. ed. of Baltimore Catechism No. 2, St. Anthony Guild Press, Patterson, New Jersey)

C. Magnifiers

Adisco Illuminated Magnifiers, American Foundation for the Blind, 15 W. 16th Street, New York 11, New York.

comes in several models

1. Battery Model V14C $6.00
2. Electrical Model V15 AC $7.45
3. Combination Model V15BC $9.85

Magni-Focuser No. 10, American Foundation for the Blind, 15 West 16th Street., New York 11, New York $8.00

D. Music

The following companies issue music in large notes, usually for beginners:

Boston Music Company
116 Boylston Street
Boston, Massachusetts

The Charles H. Hansen Publishing Co., 119 West 57th Street
New York 19, New York

Mills Music Company
1619 Broadway
New York 19, New York

Theodore Presser
Music Publishers
Bryn Mawr, Pennsylvania

E. Page Turners

Bristol, R.P., Page Turner, A Report of Their Usefulness for a Closed Circuit TV Project. Alderman Library, University of Virginia, Charlottesville, Va. 1958.

A copy of this report is available in the files of the ALA Reading Aids for the Handicapped Subcommittees.

Lakeland Automatic Page Turner, Lakeland Products, 3024 Clinton Avenue, Minneapolis, Minnesota. $180.00 (110 volt, 60 cycle unit); $197.00 (24-volt, 60 cycle unit).

Turn-A-Page, Hagman Enterprises, 2606 E. Glenoaks Blvd., Glendale 6, California. $206.00.

F. Projectors

A-O Projection-Magnifier.....American Optical Co.
$170.00 Instrument Division
Buffalo, New York

Projected Books, Inc.
313 North First Street
Ann Arbor, Michigan

Magnascope Projection Reader.....American Foundation for the Blind
15 West 16th Street
New York 11, New York

Projected Book Machine, Projected Books, Inc., 313 North First Street, Ann Arbor, Michigan. $228.50.

G. Reading Glasses - Prism

Bedspecs, Swift and Anderson, Inc., 952 Dorchester Avenue, Boston 25, Massachusetts. $17.50.

H. Reading Stands

Butler Book Reading Stand
De Lebia Company
727 Mariposa Avenue
Los Angeles 5, California $8.00

Ponton Reading Stand
Replogle Avenue
325 Hoyne Avenue
Chicago 12, Illinois $8.25

Additional information on reading stands and related equipment may be obtained from the following sources:

National Society for the Prevention of Blindness
16 East 40th Street
New York 16, New York

Stanwix House, Inc.
3020 Chartiers Avenue
Pittsburgh 4, Pennsylvania

I. Records and Record Catalogs

American Printing House for the Blind.....Recorded Educational Aids to Learning-1957 Catalog of tapes.
1839 Frankfort Avenue
Louisville 6, Kentucky

Educational Services 1730 Eye Street, N.W. Washington 6, D.C.	Listing of Educational Recordings, Filmstrips and Equipment for More Effective Learning.
Enrichment Records 20 East 8th Street New York 3, New York	(Many Landmark Books recorded)
Greystone Corporation 100 Sixth Avenue New York 13, New York	Record Outline for Curriculum Planning.
Magnetic Tape Duplicators 6767 Sunset Boulevard Hollywood 28, California	Educational Tape Catalog
Scott Foresman Company	Sounds Around Us; On poetry (records)

The Book-of-the-Month Club, Inc. in cooperation with Recording for the Blind, has set a new monthly service that will provide outstanding books on long-playing records for the blind, partially blind, and other handicapped persons. Currently available are:

The Confessions of Nat Turner by William Styron
Twenty Letters to a Friend by Svetlana Alliluyeva
Everything But Money by Sam Levenson
Profiles in Courage by John F. Kennedy

No membership fee or other requirement is necessary to maintain the subscription to this new Society. As an introductory offer, the Society will send any one of the first four recordings for a two-week trial subscription which may be ended by returning the album before the two-week period has elapsed.

The Recorded Book Society is located at 345 Hudson Street, New York, New York.

J. Sight Saving Paper for Partially Sighted Students

J.L. Hammett Company
2393 Vauxhall Road
Union, New Jersey

Sight-saving Paper (if ruled).....The Diem & Wing Paper Co.
Gilbert Avenue Viaduct
Cincinnati, Ohio

Sight-saving Paper (ruled).....American Printing House
for the Blind
1839 Frankfort Ave.
Louisville 6, Kentucky

K. Talking Book Machines and Record Players

American Foundation for the Blind
15 West 16th Street
New York 11, New York

Californe.....2 Models
1041 Sycamore Avenue
Hollywood 38, California

1. "Listening Cornet" Model lavj 8-9 $139.50
(Without Headphones)
2. "Audio-Center" Model 12 MH8 $179.50
(with set of eight earphones)

Libraphone.....2 Models
10 East 44th Street
New York 17, New York

1. "Sonette" Model $39.50
2. "Hi-Fi Orator" Model $59.50

The Library of Congress
Division for the Blind
Washington 25, D.C.

Steno-Mask — Is an attachment for tape recorder; is similar to oxygen mask in appearance. Student can talk into this and record without disturbing his neighbors. Ideal for classroom lectures. $200. For additional information write to the "American Foundation for the Blind", 15 W. 16th St, New York 17, New York.

"Spelltalk"	Dr. Richard L. Longini, professor of electrical engineering and supervisor of the Medical Systems Engineering Laboratory, Carnegie-Mellon University, is developing a new type of reading machine. This machine will produce audible words from the coded information on tapes used by publishers for typesetting.

L. Talking Books and Spoken Records

Audio Books Company 501 Main Street St. Joseph, Michigan	Literature for Listening includes well known literary favorites ranging from Shakespeare to Mark Twain. Audio also puts out the Talking Bible.
Caedmon's Recordings of the Spoken Word 227 Fifth Avenue New York 16, New York	Includes many outstanding spoken records. Selections include: Authors Own Recordings (over 40 writers and poetry) classics of the English Language (poetry, prose, plays) Documentaries, etc. Texts for the recordings are also available at 35¢ each.
Enrichment Series Enrichment Teaching Materials 246 Fifth Avenue New York 1, New York	Based on Landmark Book Series, published by Random House. Designed mainly for grades 5-9, consist primarily of dramatizations of events in American History. Also have a series composed of readings of famous American documents.
Folkway Records 117 West 46th Street New York 36, New York	Are designed as teaching aids. Include recordings on American Literature, American History, Americana, International literature read both in English and in the original language, folk tales and stories, satire, religion and language instruction. Also have folk songs and rhythms.
Libraphone, Incorporated 10 East 44th Street New York 17, New York	Produces a full time line of "talking books" similar to those put out for the Library of Congress program. Prices range from $9.50 for 2-disc albums to $13.95 for 5-disc albums. Discount schedule and prepaid subscription rates are available.
Spoken Arts 95 Valley Road New Rochelle, New York	Has developed several series - Great American Artists, Informal Hour, Distinguished Playwrights, Distinguished Composers, and so on. Selections are used by many outstanding persons such as Jacques Barzun, Dr. Frank Baxter, Arthur Miller, Moss Hart, Siobhan McKenna.

Schwann's Monthly Catalog, a comprehensive listing of recordings of all companies, is carried by most record dealers and has a section devoted to spoken records. Most of the large recording companies such as RCA Victor, Decca, Columbia, MGM, and London produce some excellent spoken records.

The American Foundation for the Blind, 15 West 16th Street, New York 11, New York, publishes a recorded edition of New OUtlook for the Blind, which includes an annotated listing of the new talking books produced for the Library of Congress and available for loan through various distributing libraries. Talking Books Topics is also published in braille and ink-print editions.

M. Typewriting Manuals

Touch Typing in 10 Lessons, Ruth Ben'Ary. Six Talking Book recordings read by Richard Harvey. American Printing House for the Blind, 1839 Frankfort Avenue, Louisville, Kentucky. (A mimeographed manual is also available).

A Typing Method to be Used in the Education of the Partially Sighted, Fredericka M. Bertram. San Francisco State College, Division of Education. Special Education Department, College Book Shop, San Francisco, California.

(Note: Some typewriter companies now distribute recorded typewriting lessons).

N. Typewriters with Large Type (Upper and Lower Case)

Remington No. 17 with Bulletin Type No. 48.

Remington Portable No. 5 with Type No. 105 (cuts stencils)

Remington Standard with Type No. 105 (cuts stencils)

Royal, Large Vogue; Ampli type (cuts stencils)

Smith-Corona, Inc.
- Bulletin Type, upper and lower case, No. 27
- Sight Easy Type No. 47 (cuts stencils)
- Type No. 67, standard and portable models (cuts stencils)
- Bulletin Gothic No. 29

Underwood, Bulletin Type, Pitch No. 6, upper and lower case.

(Note: Most typewriters are now available in electric models. Use heavily inked ribbon. Keyboard charts, poster size, available from manufacturers.)

O. Writing Aids

Portable braille writers for the blind resemble a stenotype machine. Their purpose is to type embossed braille characters.

The Perkins Brailler - designed and manufactured by the Howe Memorial Press of Perkins Institution, Watertown 72, Massachusetts. This machine may be ordered from Mr. Edward J. Waterhouse, Howe Memorial Press, Watertown, Massachusetts.

Portable Braille Typewriter - manufactured by the Braille Institute of America, Inc., 741 North Vermone Avenue, Los Angeles 27, California. The weight, with case, is 16 pounds. The size, overall, is 6 3/4" x 8 1/2" x 15".

Stainsby Braille Writer - large size, with case, manufactured by the National Institute for the Blind, 224 Great Portland Street, London, England.

A and S Braille Transcriber - distributed by Beutler, Inc., 457 West Broadway, New York 12, New York.

The Banks Pocket Braille Writer - manufactured by the International Business Machines Corporation of New York and distributed on a non-profit basis by the Welfare Foundation of the Lions Club of San Diego, California. This machine can be supplied only through a local Lions Club. The Banks machine writes on paper tape. Rolls of this tape are available from the Welfare Foundation, Lions Club of San Diego, 1250 Sixth Avenue, San Diego, California, at ten cents per roll.